



THE CITY OF SAN DIEGO
Development Services Department
Division of Building, Safety
& Construction

Technical Policy B-19-1

Subject: Interim Policy – Post-installed Adhesive Anchors
with expired research reports.

Code Edition: 2007 California Building Code

Code Section: Section 1908.1.16

Issue Date: July 28, 2008

Approved By: Signed copy on file
Afsaneh Ahmadi, Chief Building Official

The City of San Diego considers reports that have not been evaluated to comply with the 2007 California Building Code (based on the 2006 IBC), and whose ICC-ES Acceptance Criteria have been revised to have expired. As a result, products whose research reports have expired shall not be used within the City of San Diego until such time as the appropriate product evaluations have been updated and the associated research reports reissued by ICC Evaluation Services.

Product evaluations for post-installed adhesive anchors connecting structural systems into concrete construction have lapsed as of January 1, 2008 and do not comply with the 2007 California Building Code, nor referenced standard ACI 318-05. Post-installed adhesive anchoring products to be used in concrete applications must now be evaluated and approved by ICC-ES for compliance with the new acceptance criteria of ICC-ES AC308.

On an interim basis and for a period not exceeding 6 months from the date of issuance of this policy, post-installed adhesive anchors that are not evaluated to comply with the 2007 California Building Code and the most current acceptance criteria, and whose test data and reports have been submitted to ICC-ES for re-evaluation under the new criteria, may continue to be used on a case by case basis subject to the following limitations:

1. The adhesive anchors resist loads due to wind or earthquake forces only. Anchors are not permitted to resist sustained loads such as dead or live loads.
2. The adhesive anchors shall be installed in dry holes.
3. The adhesive anchors shall not resist combined shear and tension forces.
4. The adhesive anchors used on an interim basis shall be approved under research reports based on the 1997 UBC or newer editions of the building code.
 - a. The published allowable shear and tension capacity in the non-conforming product evaluation report shall be reduced by 50%.
 - b. The minimum required embedment depth for anchors in tension shall be doubled.
5. The minimum edge distance for post-installed adhesive anchors shall be not less than 1.75 inches.
6. Field repairs to projects approved under the 2001 CBC may use the reports as published for fixes of approved work. No new work under existing unmodified report.
7. Where post-installed adhesive anchors resist tension or shear forces that are less than 500 lb, these anchors may be designed to conform to the report as published.

This interim policy is subject to change as the Department is made aware of additional information. For questions concerning this policy please contact Ali Fattah, Senior Research Engineer at (619) 446-5092